



Product Evaluation

DR387 | 1014

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-387

Effective Date: January 1, 2013

Revised: October 1, 2014

Re-evaluation Date: February 2015

Product Name: Series 332 Vinyl Sliding Glass Doors, Non-impact Resistant

Manufacturer: Atrium Windows and Doors
9001 Ambassador Row
Dallas, TX 75247
(214) 637-2696

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|--|--------------|------------------------|
| 1 | Series 332 Vinyl Sliding Glass Door (OX) | SD-R50-72x96 | ± 50 psf |

Component Dimensions:

| System | Overall Door Size | Operable Panel Size | Fixed Panel Daylight Opening Size |
|--------|-------------------|---------------------|-----------------------------------|
| 1 | 70-3/4"x95-5/8" | 36"x92-3/4" | 31-1/8"x87-5/8" |

Product Identification (Certification Agency Label on Door):

| System | | |
|--------|----------------------------------|---------------------------------|
| 1 | Certification Agency | AAMA |
| | Manufacturer's Name or Code Name | ADW-8 |
| | Product Name | 332 SGD |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-05 |

Impact Resistance:

| System | Impact Resistant | Requirement |
|--------|------------------|--|
| 1 | No | Provide an impact protective system when installing the product in areas that require windborne debris protection. |

Installation:

- **Nail Fin (wood wall framing):** Use a minimum of Spruce-Pine-Fir dimension lumber for the wood wall-framing members. Secure the door to the wood wall-framing members through the nail fin with minimum No. 8 screws. Locate the fasteners approximately 4" from each end and approximately 8" on center along the perimeter of the door. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall-framing members.
- **Frame (wood wall framing):** Use a minimum of Spruce-Pine-Fir dimension lumber for the wood wall-framing members. Secure the door to the wood wall-framing members through the frame head, sill, and side jambs with minimum No. 10 screws. Locate the fasteners approximately 6" from each end and approximately 20" on center. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wood-wall framing.
- **Frame (concrete or masonry wall construction):** Secure the door to the wall construction through the frame head, sill, and side jambs with minimum 3/16" diameter ITW Tapcons screws. Locate the fasteners approximately 6" from each end and approximately 20" on center. Use fasteners long enough to penetrate a minimum of 1-1/4" into the wall construction. The fasteners must have a minimum edge distance of 2-1/2".

Note: Bring the manufacturer's installation instructions to the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.